Receiving Report

Da	nte: <u>/</u> 2/	10//7	<u>.</u>	Batch	No: ///	13074	
Su	upplier: <u>Wê</u>	SAY	costle	Dart F	P/O:	806)	
Packing Slip: Invoice: Receipt:	Yes Yes Cash	No No Cr	Re W Sh	elease Note A aybill Attache hipment Comp C6 Inspection ork Order	d: 0.45 Ye).
Discrepancies Part	Descript	ion	Quantity	Quantity	Quantity	Quantity Short	Comments
Number	Descript	1011	Ordered	Received	Returned	SHOIL	
WOIR	PUP	WA 1	3-0				
						<u> </u>	1
		:					
			Initials	s of receiver	(if shipment	OK) Level	12
Production/Ad Date Received/Co Initial	10410	12				Locat	tion
	chasing\approved	purch\RE0	CREPORT Rev	D			

Furchase Order Receipt Listing

Friday, October 12, 2012 8:54:37 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO18067 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Dty/ Book Amt lect Qty	0 \$1,147.13		0 \$212.10	0 \$152.69	0 \$256.80	252.6666 0.0000 0.0000
Inspected Qty/ MRB Qty/ Rejected Qty/ MRB Reject (PO U/M) Qty	0.0000	0.0000	0.0000	0.0000	0.0000	Total Received Quantity: Total Qty to Inspect (PO U/M):
Cost Per Unit/ Recv Value	\$47.14	\$1,147.13	\$8.72	\$1.41	\$2.67	Total
Recv Qty (PO U/M)	24.3333		24.3333	108.0000	0000.96	
Required Date Recv Required Qty Date/ Recv Emp	10/15/2012 10/12/2012	24.0000 DESJ02	10/15/2012 10/12/2012 24.0000 DESJ02	10/15/2012 10/12/2012 108.0000 DESJ02	10/15/2012 10/12/2012 96.0000 DESJ02	
PO U/M / Req Stock U/M Red	stle					·
<i>p</i>	VC-MET001 Metaux Castle	17-4 SS Bar 1.250 x f 2.00	123294 M303R1.000 f 303 Round Bar 1.00 f	123294 -M304R0:375	123294 M6061T6R0.563 f 6061-T6 ROUND f BAR.563	123294
Line Project ID Reference/ Nbr/ Description Insp Cert Std						
Purchase Line Order ID/ Nbr/ Curr Type Insp	Vende	CAD No	5 No	No	6 % 8	

Total Balance Due Quantity:



A. M. Castle & Co.

Page 1 of 1

Shipment No:1498754

		1	Chin To.	Deliver To:
Ship From:		Sold 10:	Simp 10.	DADT AEDOCDACE I TD
A. M. Castle & Co. (Canada)	anada)	DART AEROSPACE LTD	DARI AEROSPACE LID	1270 ABERDEEN
Inc.		HAWKESBIBY ON K6A 1K7	HAWKESBURY, ON K6A	HAWKESBURY, ON
MONTREAL 835-SELKIRK AVENUE	JE		1K7 CAN	K6A 1K7
POINTE CLAIRE, QUEBEC	JEBEC			¥ O
H9R 3S2				
Data Chinned	FOB	Freight Terms	Carrier	BOL No
10-OCT-2012	ORIGIN	Prepaid	MANITOULIN	1498754-2
			- Honeston Branch	NOW
Shipment Details	1 4 7		Final Destination Dialicii - Mora	
Order No	Line No	Item No	Description	100 CE 130 ON 10 TO 110 ANNI DICKI E 130 00
246530R		9166	1.2500.2.0000.FLAT.17CH-	1.2500.2.0000.FLAT.17CR-4NI.STAINLESS.III.AINN.FIGNEE.TGE.CO.
2000017	•		00-156.0000	
			SPECIFICATIONS: AMS 5643	643
Direpseo Order No		Part Number	Ordered Oty	Invoice Oty
19067			Z4.00 FT →	24.3333 F1
10001				
Details			000	Width (IN) I anoth (IN) Shipped Qtv(LBS)
Delivery No.	MII	umber	Mech Id PCS Widt	+-
1000001	אם אואו כי	K - 17439		

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

G17439

DUNKIRK SPECIALTY STEEL, LLC

118037287

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material on specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material out by the customer cannot be returned

Name:

Date:

DAS 14 12/10/14

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited. Date Printed: 10-OCT-2012 03:58:16 PM

Reviewed by Authorized Castle Metals Representative:

for credit.



Dunkirk Specialty Steel, LLC A Universal Stainless & Alloy Products Company P.O. Box 319 830 Brigham Rd. Dunkirk, NY 14048

Quality System Registered to ISO9001 and AS9100

Material Certification

•		Marei Iai Cei	CITICOLITO	PAGE NUMBER: 1 of 1
LL ORDER: 0038518 RT NUMBER: 9166		D.O. DAWK	: 4/29/2011	PRINTED: 9/28/11 07:14
O. NUMBER: 112940		P.O. DAIL	· · · · · · · · · · · · · · · · · · ·	
	:		A.M. CASTLE & CO.	
S A. M. CASTLE & CO.		S H T	3400 NORTH WOLF ROAD	•
O T 3400 N. WOLF ROAD		IO	3400 11011111111111111111111111111111111	
r o		P		:
D	121-1304		FRANKLIN PARK, IL 60131	
FRANKLIN PARK, IL 60	131 1331		PICKLE DICKLE	D ASME SA564 (630 condition A), BR,
Possiption: STAINLES	S STEEL FL	AT BAR 17-4 EAF+AOI	HOT ROLLED ANNEADED PICKER	BR.
aterial Description: STAINLES NS# S17400, Castle AMC 3174-	13 Rev. 10,	ASTM A564-10 (type	630 Condition M/, Auto 5011	
	1		56.0000 MAX RANDOM LENGTH	
Size: 1.2500 X 2.0000 X 132.0	OOO MIN/			2010
		MN 0.86	SI 0.42 S 0.005	р 0.018 мо 0.09
Heat Number	CR 15.62		V 0.04 NI 4.21	an A 26
G17439 FNL W%	CO <0.05	CU 3.24	SN 0.006 PB	B <0.001
	TA <0.01	AL <0.01	77 40.00	ZR
	0	MG	CA SE N 0.030 H	CQ CQ
•	AG	BI		· · · · · · · · · · · · · · · · · · ·
			•	
REDUCTION RATIO: 384:1				
HARDNESS: 358 BHN	·:			
	.2%Y/S KE	I SEL SR/A	HARDNESS	
H900 CAP: UTS/ KSI 204.8	180.6	14.6 44.0	405 BHN	
204.0	-			•
MAGNETIC PARTICLE: F/S = 0/	о .			DAC / /
FERRITE: <5%			•	10 17/16/11
MTCRO TEST: ACCEPTABLE		g - 1	R-1 C-1	24/0/19
MACRO ETCH TEST: ACCEPTABLE THIS MATERIAL WAS SOLUTION T	man mena Aff	A MINIMIM TEMPERATU		
THIS MATERIAL WAS SOLUTION T 1900°F FOR AN APPROPRIATE TI	ME FOLLOWE	D BY AIR COOLING		<i>*</i>
1900 F FOR AN APPROPRIATE 11				•
COUNTRY OF ORIGIN: USA			Cost	le Metals FP
COUNTRY OF ORIGIN, OSSI	. 1			
			HEAT NUMBER 6	17439
			MECHANICAL ID	
•	•			9166
			ITEM CODE	
			LOT NUMBER	2.116
	:	•	PO NUMBER	112940
•			RECEIPT DATE	10/5/11
			RECEIPT DATE	0 1 1
	:		SUPPLIER	Dunkirk
			SPECIFICATION	
				No
			LCS	
			COMMENT	
			APPROVED	BJ
		Citoba M Borry	X	
/S/John M. Berry		/S/John M. Berry		<u>09/28/11</u>
				Plata . T
D. L. Yakii N. Dawier O.A	(John M. Bern	y, QA Technician	Date
Prepared by: John M. Berry, QA	1		Puddouille DA LISA Certification IAWDIN 50 0	49 / EN 10204 3.1. Material complies with EU directive
Melbed and manufactured in compliance	with DFARS 252.2	25-7014 ALT 1 Melted by USAP in	that were derived from testing samples of the m	149 / EN 10204 3.1. Material compiles with EU directive naterial. Results meet applicable specifications. No welding was produced under the Dunkirk Specially Steel Quality le in accordance with ASTM ASTM, A604, EB, E10, E18, E23
2002/95/EC (RoHS). The test results sho	on this order. Mate	erial is free from mercury contami	nation. Material is of NAFTA origin. This material	naterial. Results meet applicable specifications, no meaning was produced under the Dunkirk Speciality Steel Quality oble in accordance with ASTM A370, A604, E8, E10, E18, E23 is document may be punished as a felony under federal
Management System documented in QF	Manual, Rev. 5 da	ted 7/1/2011, conforming to NCA	f false, fictitious, or fraudulent statements on this	ole in accordance with ASTM A370, A604, E8, E10, E10, E20, E00, E00, E00, E00, E00, E00, E0
E45, E112, E139, E381, E572, E1019, S statutes, including Federal Law, Title 18	TP-CHEM-GDS, E14	results are maintained in compan	y records.	
statutes, including Federal Law, Title 18	, chapter 47. Teat			



A. M. Castle & Co.

Page 1 of 1

Shipment No:1498754

Shin From.	Š	Sold To:	Ship To:	Deliver To:
A M Castle & Co (Canada) DART AEROSPA	Canada) D	ART AEROSPACE LTD	DART AEROSPACE LTD	DART AEROSPACE LTD
Inc	- (mmm)	1270 ABERDEEN	1270 ABERDEEN	1270 ABERDEEN
MONTREA!		HAWKESBURY. ON K6A 1K7	HAWKESBURY, ON K6A	HAWKESBURY, ON
835-SELKIRK AVENUE			1K7 CAN	K6A 1K7
POINTE CLAIRE, QUEBEC	UEBEC			CA
H9R 3S2				
Doto Chinnod	- A C B	Freight Terms	Carrier	BOL No
Date Subben		Sillion Aligina		7 10071
10-OCT-2012	ORIGIN	Prepaid	MANITOULIN	1498/54-2

Shipment Details				Final	Final Destination Branch - MON	NOM - MON		
Order No	Line No	lte	Item No	Description	ption			0000
2465306	2	46	4665	1.0000	.RD.303.STAII	JLESS.CF.A	1,0000.RD.303.STAINLESS.CF.ANN.132.0000-156.0000	26.0000
	:			SPEC	SPECIFICATIONS: ASTM A582	ASTM A582		
Durchase Order No		Part Number	nber	Ordered Qty	d Oty		Invoice Qty	ty
18067				24.00 FT			24.3333 FT	—
Dotaile								
Details				W A - 1- 1-	000	Windth (INI)	I anoth (INI)	Width (IN) I anoth (IN) Shinned Otv(LBS)
Delivery No.	E E		Heat Number	Wech Id PCS	S	MIDELLA	בינואנוו (יויי)	Corporation and an incident
118033215	NORTH		D2D7		2		146.0000	64.9700
	AMERICAN	Z.						
	STAINLESS	SS						

2 nu 100

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Name:

Date:

Reviewed by Authorized Castle Metals Representative:

14 12/10/14

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited. Date Printed: 10-OCT-2012 03:58:16 PM

Caş	tle Metale FP
TEAT NUMBER	2227
/IECHANICAL ID	
TEM CODE	1665
OT NUMBER	
O NUMBER	76924
RECEIPT DATE	1-6-12
SUPPLIER	A 5
SPECIFICATION	
	0
COMMENT	
APPROVED	51

NORTH AMERICAN STAINLESS NAS

METALLURGICAL TEST REPORT

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000

8/01/2012 Page: 1 Of 1 2002.95.EC.ROHS. EAN-AOD-CC. NO WELD KEPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW MELTING-ALLOY CONTAMINATION complete w/requirements of Dear 252.225-7014a-1 eu directive 1.0000 tn 144.00 tn Cold Draw 303 Steel: Finish: Leg Length: Length: pie/rhk: Dates Corresion: 60131 REMARKS: A.H. CASTLE AND COMPANY Ħ 3400 NORTH WOLF MAND PRABECTED PARK Ship To: Item Code: 4665 1420 KENSINGTON ROAD-SULTE 220 OAK BROOK IL 60523 A.M. CASTUR AND COMPANY ASTER A592/05 EN 10204 3.1, ASTER A484/10 PRODUCT DESCRIPTION: AMS 56400 TIPE 1, QGS-764B CONDITION A Mail To: Round Bar, Annealed, Cold Draw SOLUTION ANNEAL TEMP 1900F MIN 85477 Certificate: 757901 17 176924 0032 001 H Your Orders Customer: HAS Order:

Redolft			A751/08	oj oj
the Burdle	Burdle Weight Burdle Weight Sandle Weign: Burne might		Chemical Analysis per ASTM A751/08	4
Bernell o Wed			mical Amalys	
37 c. Ecol office				
	Wengine Du		ca) JP(Japan)	
	opt Boodle		ZA(South Afri	
	Bundle Wed		of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japen)	
	ale weight		E3(Spain) U	
			M(Country of Melt)	
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	샕			L.
	Bunche Weight	BE76369	日本の日本の日の	

			5	**	2. E	英	8	2	-		
Heat Supplier #	5	,	3						1	666	3330
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		SI %									
		.49						•			
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TAULER		PROPERTIES	¥^								

	DAS.	64 10/10/19
Elng % 4D	27.34	
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uts Rei	105.88	.*
.2YS KSI	74.55	
HB No.	198.0 198.0	
T 4	2 KK	
	BE76269 BE76270	

NAS hereby cartifies that the analysis on this cartification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical Dept.Mgr.

ERIC HESS



Page 1 of 1

Shipment No:1498754

Shin From:	Sold To:		Ship To:	Deliver To:
A. M. Castle & Co. (Canada) DART AEROSPACE LTD	ada) DART	EROSPACE LTD	DART AEROSPACE LTD	DART AEROSPACE LID
lnc.	1270 AE	1270 ABERDEEN	1270 ABERDEEN	1270 ABERDEEN
MONTREAL		HAWKESBURY, ON K6A 1K7	HAWKESBURY, ON K6A	HAWKESBURY, ON
835-SELKIRK AVENUE	S		1K7 CAN	Koa In/
POINTE CLAIRE, QUEBEC	EC			CA
H9R 3S2				
-		£	Corrigor	BOI No
Date Shipped F.	T.O.B.	Freignt lerms	Callie	
	ORIGIN	Prepaid	MANITOULIN	1498754-2
Shipment Details			Final Destination Branch - MON	MOM

Shipment Details				Final	Final Destination Branch - MON	anch - MON		
Order No	Line No	Ite	Item No	Descr	Description			
2465306	4	F	15043	0.375(0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000	STAINLESS.	CF.ANN.132.0	0000-156.0000
				OP E	SPECIFICALIONS. ASTIM ASTO	DAY IN CE		£
Purchase Order No	<u>a</u>	Part Number	nber	Order	Ordered Qty		Invoice Gty	ry.
18067				108.00 FT) FT		108.0000 F1	
Details								(30) :0:
Delivery No.	Nii.		Heat Number	Mech Id PCS		Width (IN)	Length (IN)	Width (IN) Length (IN) Shipped Gry(LDS)
118034210	NORTH		D2H0		6		144.0000	40.6080
	AMERICAN	z						
	STAINLESS	SS						

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. The reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be refurned for origin.

For original content is a part of the correct size, or material cut by the customer cannot be refurned for original cannot be refurned.

For original content is a part of the shipment of the correct size, or material cut by the customer cannot be refurned.

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For original cannot be part or material cannot be part or material cut by the customer cannot be part or material cannot be part or material cut by the customer cannot be part or material.

140 (2/10/14

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited. Date Printed: 10-OCT-2012 03:58:16 PM

9 RUND -375

NORTH AMERICAN STAINLESS NAS

ų,

TEST REPORT METALLURGICAL

6870 Highway 42 East Ghent, KY 41045-9615 (S02) 347-6000

н

Length: 144.00 in Corresion: ASTM A262-10 Prac A/# OK 1 04 COMPLIES W/REQUIREMENTS OF DFAR 252.225-70148-1 EU DIRECTIVE IN USA PRES PROM MERCURY AND LOW MELFING ALLOY CONTRAINACTOR 2002.95.EC.Roes. East-aod-cc. no weld repair. Meizhd and beg Page .3750 in 8/07/2012 Cold Draw 304/304E Finish: Dia/Thk: Leg Length: Dates IL 60131 REMARKS: COMPANY A.M. CASTLE AND COMP. 3400 MORTE WOLF BOAD PRAKKLIN PARK Ship To: Item Code: 15043 A.M. CASTLE AND COMPANY 1420 XENSINGTON ROAD-SUITE 220 OAK BROOK IL 60523 UNS 30400/30403 EN 10204 3.1, ASTR A484/10 DESCRIPTION: ASTM A193/10a-ASME SA193/10 CL 1 GR B8 Mail To: Cold Draw 86655 Certificate: 759601 32 181538 0032 001 Round Bar, Annealed, Ä GRAIN SIZE= 4-6 PRODUCT Your Order: Customer: MAS Order:

Bundle Reight Bundle Bundle Weight Bunche Weight. Bundle Weight Bundle Weight Bundle Weight Bundle Weight 2012 BE79178

ASTH A276/10, ASTH A479/11, ASTH A182/10 CHEM ONLY,

ASME SA479/108, ASME EA182/10 CHEM ONLY AMS 5639H, AME 5647J, AMS QOS-763F, QQS-763F

SOLUTION ANNEAL TEMP 1900F MIN

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

ANALYSIS

Chemical Analysis per ASTM A751/08

Weight

Bundle

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	ťΩ		•				
	e Se		.032				
	N. T.N.		8.57				
	*		.072				
orthablit	9	3	.34				
ZA(South Amea)		· A	1.38				
CM(Country of Melt) ES(Spain) US(United States) ZA(South Amea) arthrapany		£	49				
ES(Spain) U		8	18.18				
untry of Meh)		8	.14	ŧ			
S) CM(C	١	W U	.027		RI %	-37	
ANALYSIS		5	SD				
CHEMICAL		Heat Supplier #					
CHE			0200				

PROPERTIES MECHANICAL

Eing % 2"	40.25	14 12/10/14
RR &	71.54	
ots ksi	108.39	
. ZYS KSI	93.56	
H 76.	212.0	
5 4	H H	
	BE79178	

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical Dept.Mgr.

ERIC HESS

Castle Metals FP HEAT MUMBER MECHANICAL ID 15043 ITEM CODE_ LOT NUMBER 181538 PO NUMBER 8/10/12 RECEIPT DATE SUPPLIER_ SPECIFICATION NO LCS_ COMMENT ßS APPROVED_

1/2/12/19/14



A. M. Castle & Co.

Page 1 of 1

Shipment No:1498754

Oti:- From:	Sold To		Ship To:	Deliver To:
Ship From:	P100		TO TO TO TO TO TO	DADT AEBOSPACE I TD
A M Cocho & Co (Canada) DABT AFROSPA	A LUART A	FROSPACELTD	DAKI AFRONTACE LID	
A. IVI. Casile & Co. (Call	ada) Cililo		4070 ABEDDEEN	1070 ARFRDFEN
- Inc	1270 AE	12/0 ABERDEEN	ובוחסה 12/0 אובוחסה מעשל 12/0	
		JAMINECELIEV ON KRA 1K7	HAWKESBURY ON K6A	HAWKEUBURY, ON
MONIKEAL		יון לאין אס יון חסקס		- 1/2 × 1/7
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				Δ.
POINTE CLAIRE, QUEBEC	SEC -			
Hop 3C3				
1511 OC 1151				
	000	Eroicht Torme	Carrier	BOL No
Date Shipped	.c.b.	I I CIBILL ICILIIS		1 4 4 0 0 7 E A 2
	ORIGIN	Prepaid	MANITOOLIN	1430704-2
	,			

Shinment Details				Final [Final Destination Branch - MON	nch - MON		
Order No	Line No		tem No	Description	ption	tember (restate de la companya de l	AND CHARLES AND	AL PRINCIPAL AND FACE TO A RESIDENCE OF THE RESIDENCE OF THE PRINCIPAL OF
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					Ċ		Invoice Otv	1
Durchase Order No		Part Number	ımber	Ordered Qty	ed City		מונים ש	r,
1 di Citaso Ci doi 100				96.00 FT			96.0000 FT	
1806/								
Details						11.40	(141)	Chinage Oty(I BS)
Polivon No	Mill		Heat Number	Mech Id PCS	PCS	Width (IN)	Lengtn (IIV)	Width (IN) Length (IN) Shipped atyleral
Delivery No.					C		144 0000	27.9360
118037320	KAISER		100315/5		0			
	ALUMINUM	ΣΩ			•			

These commodities/fechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications former cannot be returned. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Free reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

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Free reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned.

FROUND . 5625

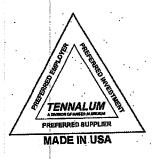
These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited. Date Printed: 10-OCT-2012 03:58:16 PM

	astic Metals FP / 100:315:75
HEAT NUMBER	
MECHANICAL ID_	26853
ITEM CODE	200
LOT NUMBER	128614
PO NUMBER	125 30 2011
RECEIPT DATE_	PAISED
SUPPLIER	
SPECIFICATION	10
LCS	700
COMMENT	5
APPROVED	10

14, 12/10/14



Tennalum 309 Industrial Drive Jackson, TN 38301 731-423-2811



CERTIFIED TEST REPORT http://Certs.KalserAluminum.com

Miscellaneous Notes

Made in USA

This material was melted and manufactured in the USA. Mercury is not a normal contaminant in aluminum alloys. Neither mercury nor any of its compounds were utilized by Kaiser Aluminum in the manufacture of this material. AS9100B:2004 This material meets the requirements of T6 temper and of QQ-A-225/8E (CANCELLED). NAFTA - YES. Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Bal of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Material is RoHS compliant.

Castle Metals FP

HEAT NUMBER	
M PRANICALIO	
THURDE	
LOS NUBER	
D N WASER	
R T ST DATE	
S. RANGER	
SPECIFICATION	
LCS	
COMMENT	
APPROVED	

CERTIFICATION

Kaiser Aluminum & Chemical Corporation ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

Plant Serial: 160182

Kaiser Order Number: 672799

Line Item: 1

Page 2 of 2



TENNALUM

ANY MORE OF USER MADE IN USA

CERTIFIED TEST REPORT http://Certs.KaiserAluminum.com

Tennalum '
309 Industrial Drive
Jackson, TN 38301
731-423-2811

PRODUCT DESCRIPTION: CUSTOMER PO NUMBER: CUSTOMER PART NUMBER: Cold Finished Round 26852 128974-1 TEMPER: ALLOY: KAISER ORDER NUMBER: LINE ITEM: SHIP DATE: T651 08/29/2011 6061 672799 LENGTH: WIDTH: B/L NUMBER: DIAM/DAF/THKNS: QUANTITY: WEIGHT SHIPPED: 144.0 in. 0.000 in. 0.5625 in. 32848 144 pcs. 504 lbs. SOLD TO: SHIP TO: A M Castle & Co A M Castle & Co 1420 Kensington Road AM Castle & Co. Suite 220 3400 No. Wolf Road Oak Brook , IL 60523 USA Franklin Park, IL 60131 USA

Test Code: 1000 AC

Actual Physical Properties

Lot Number	LONG. UTS ksi	LONG. YTS ksi	Long. Elong. %
10031575	48.9 48.8	44.6 44.4	20.0
	51.5 51.5	47.3 47.3	20.5

Chemical Composition, WT. % (Aluminum Remainder)

	Si	Fe	Cu	Mn	Mg	CF	Zn	Ti	OTHERS	OTHERS	Lot	
									EACH	TOTAL		
Actual Max Min			0.28 0.40 0.15	0.00 0.15	1.2	0.11 0.35 0.04	0.25	0.01 0.15	0.05	0.15	10031575	

Specifications

Standard: ISO 9001, ASTMB211-03, AMS4117J, AMS-QQ-A-225/8A Non-Standard: A96061-02-16

DAS 12/10/14

CERTIFICATION

Kaiser Aluminum & Chemical Corporation ("Kaiser") hereby certifies that the metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

John Rennekamp, Quality Manager

Plant Serial: 160182

Kaiser Order Number: 672799

Line Item: 1

Page 1 of 2



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12 PO Print Date 10/04/12

Page Number 1 of 4

Order From:

VC-MET001

METAUX CASTLE

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

P.O. BOX 4090 STN A TORONTO, ON M5W OE9

 $\mathsf{C}\mathsf{A}$

Contact Name

Vendor Phone

514 694 9575

Vendor Fax

514 695 3281

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7

CANADA

					1				· · · · · · · · · · · · · · · · · · ·
Li	ne Nbr Reference Revision ID Vendor Part Number	Descripti Mfg ID	on/		eq Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
ı	M174B1.250X02.000	17-4 SS Ba	r 1.250 x 2.00	10/	15/12	24.00	Yours ppd	\$46.3500	\$1,112.40
	oso	•		•	Yes	ŕ	24.3333	Peoples :	
			Special Inst:	AMS 5	604/564	7-4 PH SS BAR AS 13 BE ALONG LENG			-
		-		MININ	-	ELD TENDILE STR	ENGTH		
		> ,			MUM UL	TIMATE TENSILE 150 KSI			
2	M174PH-H900R1.000	17-4SS H90 BAR 1.00	00 ROUND	10.	/15/12	36.00	Yours ppd	\$10.0700	\$362.52

Yes

MATERIAL CERTIFICATION **REQ'D UPON DELIVERY**

No substitution or deviation without consent. Certificate of Conformity or Material Certification required YES

Change Nbr:

Change Date:



3

4

Change Nbr:

2

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12 PO Print Date 10/04/12

Page Number 2 of 4 Order From: VC-MET001 METAUX CASTLE A.M. CASTLE & CO. (CANADA) INC. - C/O 910720 P.O. BOX 4090 STN A TORONTO, ON M5W OE9 CA Contact Name Buyer Chantal Lavoie Vendor Phone 514 694 9575 Requisition Nbr Vendor Fax 514 695 3281 Tax Resale Nbr 10127-2607 Vendor Account Nbr **Terms** Net 30 Currency CAD **FOB** Destination-Collect Special Inst: MATERIAL: 17-4 PH COND. H900 AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, OC J7R-5A8 450-473-1884 M174PH-H900R1.375 17-4 SS H900 ROUND 10/15/12 36.00 Yours ppd \$16.4600 \$592.56 BAR 1.375 Yes f MATERIAL: 17-4 PH COND. H900 Special Inst: AS PER AMS 5643 NOTE: PLEASE SHIP MATERIAL TO METCOR INC. 560 BOULV. ARTHUR SAUVE SAINT-EUSTACHE, QC J7R-5A8 450-473-1884 M303R0.750 303 Round Bar 0.750 10/15/12 200.00 Yours ppd \$3.6800 \$736.00 Yes Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 MATERIAL CERTIFICATION NOTE: AİSI 304/316 NOT ACCEPTABLE REQ'D UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity of Material Certification required-YES NO

Change Date:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12 PO Print Date 10/04/12

Page Number 3 of 4

Order From: VC-MET001 METAUX CASTLE A.M. CASTLE & CO. (CANADA) INC. - C/O 910720 P.O. BOX 4090 STN A TORONTO, ON M5W OE9 CA Contact Name Buyer Chantal Lavoie Vendor Phone 514 694 9575 Requisition Nbr Vendor Fax 514 695 3281 10127-2607 Tax Resale Nbr Vendor Account Nbr **Terms** Net 30 Currency CAD **FOB** Destination-Collect M303R1.000 303 Round Bar 1.00 10/15/12 24.00 Yours ppd \$8.5700 \$205.68 028 Yes MATERIAL: AISI 303 SS ROUND BAR AS Special Inst: PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE M304B0.250X4.000 304 BAR .250 x 4.00 10/15/12 24.00 Yours ppd \$17.2400 \$413.76 ŕ Yes Special Inst: MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE M304R0.375 304 ROUND BAR 0.375 10/15/12 108.00 Yours ppd \$1.3900 \$150.12 920 Yes Special Inst: MATERIAL: MATERIAL: 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE M304R1.000 304 round bar 1.00 10/15/12 36.00 Yours ppd \$7.7200 \$277.92 Yes Special Inst: MATERIAL: MATERIAL: 304/316 SS ROUND BAR MATERIAL CERTIFICATION AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE REQ'D UPON DELIVERY No substitution or deviation without

consent.

Certificate of Conformity or Material Certification required YES NO

Change Nbr:

6

8

2

Change Date:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18067

Purchase Order Date 10/03/12 PO Print Date 10/04/12

Page Number 4 of 4

Order From:

VC-MET001

METAUX CASTLE

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

P.O. BOX 4090 STN A TORONTO, ON M5W OE9

CA

Contact Name

Vendor Phone

514 694 9575

Vendor Fax

514 695 3281

Vendor Account Nbr

M6061T6R0.563

013

Buyer

iyer Chantal Lavoie

Requisition Nbr

Tax Resale Nbr Terms

Currency

FOB

10127-2607

Net 30 CAD

CAD

V_{96.00}

Destination-Collect

Yes

10/15/12

Yours ppd

\$2.6300

\$252.48

.563

Special Inst:

6061-T6 ROUND BAR

6061-T6 (OR 6061-T651/ T6510/ T6511/

T62) ROUND BAR

QQ-A-225/8 OR AMS-QQ-A-225/8 OR

(AMS 4117/4128/4115/4116)

OR QQ-A-200/8OR AMS-QQ-A-200/8)OR

AMS 4160)

OR ASTM B211 OR ASTM B221

PO Total:

\$4,103.44

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

NCX

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required (YES) NO

ge Nhr: 2

Change Date: